

ACC NR: AR6013644

SOURCE CODE: UR/0058/65/000/010/D091/D091

AUTHOR: Vyshnev's'kyy, V. N.; Gnyp, R. G.; Stefans'kyy, I. V.

TITLE: Dispersion of the refracting capacity of synthetic rubies

SOURCE: Ref. zh. Fizika, Abs. 10D670

REF SOURCE: Visnyk L'vivs'k. un-tu. Ser. fiz. L'viv, 1964, 20-24

TOPIC TAGS: ruby optic material, refractive index, synthetic material

TRANSLATION: The dispersion of the refracting capacity of synthetic rubies was measured in the 300-740 nm spectral region for temperatures varying from -190°C to +400°C. Polarized light was used. Dispersion capacity was determined by the diffraction method of I. V. Oreimov. A visual method of determining the index of refraction of crystals at temperatures different from room temperature is introduced. The method is based on the "slipping" on the diffraction pattern with the temperature changes of the sample. The Sellmeier formula approximately describes the experimental curves for the spectral dependence of the indices of refraction for both rays.

SUB CODE: 20,11

Card 1/1

STEFANSKIY, V.S., Cand Tech Sci — (diss) "Study and design
of illuminating afocal four-component systems of variable
magnification used as lens ^{attachments} for continuous ^{variable} change
of ~~this~~ focal ^{length}." (Mos), 1959, 15 pp with diagrams (State
Order of Lenin Optical Inst im S.I. Vavilov) 150 copies
(KL, 35-59, 114)

- 45 -

(A) (N)

L 11164-66 EWT(1)/T LIP(c)

ACC NR: AP6000363

SOURCE CODE: UR/0286/65/000/021/0057/0057

AUTHORS: Volosov, D. S.; Stefanskiy, M. S.; Isayeva, I. Ye.; Gradoboyeva, N. A.

ORG: none

TITLE: Objective with variable focal length. Class 42, No. 176094

SOURCE: Byulleten' izobreteniy i tovarknykh znakov, no. 21, 1965, 57

TOPIC TAGS: optic lens, photographic equipment

ABSTRACT: This Author Certificate presents an objective with variable focal length, consisting of a variable magnification adapter. The adapter includes four components, two of which are mounted for synchronous motion along the optical axis. One of the components is fixed for the whole range of focal length variation and serves for focusing the objective at a finite distance. To maintain the constancy of the position of the image plane while simplifying the mechanical design of the objective mounting, the adapter components are made with lens powers of alternating signs (see Fig. 1). The second and third components are mounted for synchronous motion in mutually opposite directions along the optical axis of the objective. The motion of the fourth component of the adapter has a nonlinear dependence on the motion of the second and third components.

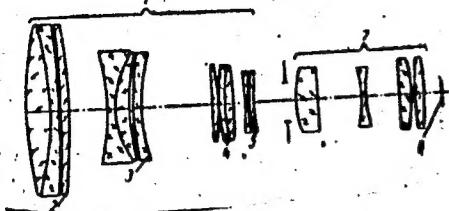
Card 1/2

UDC: 535.813:535.317.226:771.351.76

L 11164-66

ACC NR: AP6000363

Fig. 1. 1 - Adapter; 2, 3, 4, and
5 - components of adapter;
6 - image plane; 7 - objective.



Orig. art. has: 1 diagram.

SUB CODE: 14/ SUBM DATE: 07Sep64

OC

Card 2/2

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653110008-6

STEFANSKIY, V.K.

[Prophylaxis and clinical care of rabies] Profilaktika i klinika
beshenestva. Moskva, Medgiz, 1954. 104 p.
(MLRA 8:2)
(Rabies)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653110008-6"

STEFANSKIY, V.K.; PUGACH, E.M.

[Prophylaxis and clinical aspects of hydrophobia] Profilaktika i
klinika beshenstva. Moskva, Medgiz, 1954. 106 p. (MLRA 7:11D)

GORLIN, G.Ye.; STEFANSKIY, V.M.

Some characteristics of technological processes for manufacturing
flexible bodies of dynamometers. Priborostroenie no.3:22-24
(MIRA 15:9)

Ag '62.

(Dynamometer)

STEFANTSEV, B.D., GOM'CHAROVA, L.S.

"On the problem of the restoring of disturbed functions after a
longitudinal section of dogs' and puppies' medulla."

Report submitted, but not presented at the 22nd International
Congress of Physiological Sciences.
Leiden, the Netherlands 10-17 Sep 1962

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653110008-6

PA 33/4973

STEFANTSOV, B. D.

USSR/Medicine - Frogs
Medicine - Nervous System, Sympathetic,
Function Tests

Oct 48

"The Manner in Which the Sympathetic Nervous
System Acts on the Reflex Activity of a Frog's
Biseected Spinal Cord," B. D. Stefantsov, 3, pp

"Dok Ak Nauk SSSR" Vol LXII, No 4

Concludes that reflex action of the spinal cord,
bisected near 3d - 4th segments and completely
lacking in sympathetic innervation, either com-
pletely disappears or is considerably weakened
in response to additional irritations and becomes
vulnerable to foreign irritation; spinal

33/4973

USSR/Medicine - Frogs (Contd)

Oct 48

sympathetic centers exert a separate adaptation-
trophic influence on reflex action of a bisected
spinal cord, independently of higher sympathetic
centers of the brain. Submitted by Acad I. A.
Orbelli, 17 Jul 48.

33/4973

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653110008-6"

STEFANTSOV, B.D.
BC

A-3
9

Date of issue: 10/10/68 in representation of *Ministries of Defense*
Ministerial Council of the Soviet Union, M. Section of external and
internal security of the USSR, Ministry of Internal Affairs
General Directorate of the secret services. V. D. Stefantsov (J. Physiol.,
D. N. Svytn.
USSR, Moscow, 1968, No. 1000-1000).

STEFFAN TSOV, B.D.

Consequences of cutting the cervical sympathetic chains in dogs with unilateral destruction of the mid-brain. B. D. Stefantsov (*C. R. Acad. Sci. U.R.S.S.*, 1953, 89, 369-371). ~~No dogs subjected to~~
hemi-ablation of the mid-brain there were observed for the first 15-20 days irregularities of respiratory and cardiac rhythm, a sub-normal and ill-regulated body temp., hypotonia of the contra-lateral hind limb, and much increased fatigability of the contra-lateral hind limb flexion reflex. After 1½-2 months there was complete recovery. Subsequent section of both cervical sympathetic chains caused return of the hypotonia and increased fatigability of the flexion reflex, but not of the disturbances of heart, respiration, or body temp.
G. S. HENDLER

GIFFARD, M. V.

(b)

Influence of cerebral cortex on action of the sectioned spinal cord in conditions of partial destruction of the sympathetic nervous system. B. D. Stefanov (*C. R. Acad. Sci. U.R.S.S.*, 1953, **89**, 569—572). Removal of the left abdominal sympathetic chain in 3 dogs which 6—8 weeks previously had had the spinal cord divided at the 8th—9th thoracic vertebrae caused marked lowering of skin temp. and increased fatigability of the flexion reflex, and slight changes in muscle tone and reflex threshold in the left hind limb, all returning to normal after 20—25 days. Decortication of the right (1 dog) or left (1 dog) cerebral hemisphere 2½—3 months later caused return of the changes in the left hind limb, and these had not fully disappeared 3—4 months later. Left (2 dogs) or right (2 dogs) abdominal sympathectomy in dogs which had previously been subjected to section of the thoracic cord and left decortication caused similar changes in the hind limb on the side of the sympathectomy, lasting 3—4 months. G. S. BRINDLEY.

STEFANTSOV, B.D.

Certain aspects of the interrelationship between the somatic and sympathetic nervous systems. Trudy Vses. ob-va fiziol. biokhim. i farm. 2:110-118 '54.
(MIRA 8:7)

1. Institut vysshoy nervnoy deiatel'nosti Akademii nauk SSSR.
(SPINAL CORD, physiology,
eff. of resection, indices of interrelationship between
somatic & sympathetic NS)
(CENTRAL NERVOUS SYSTEM, physiology,
eff. of spinal cord resection on interrelationship be-
tween somatic & sympathetic NS)

USSR/Medicine - Physiology

FD-1326

Card 1/1 Pub. 33-4/25

Author Stefantsev, B. D.

Title Influence of the cerebral cortex on the activity of the severed spinal cord under conditions when sympathetic division of the nervous system is injured.

Periodical Fiziol. zhur. 4, 413-419, Jul/Aug 1954

Abstract The cerebral cortex plays an important role in restoring normal functions of the spinal cord injured by unilateral extirpation of celiac sympathetic chain of nerves. Experiments were conducted with dogs. This was the first attempt to verify experimentally that the sympathetic division of the nervous system is subordinate to the cerebral cortex. Experiments that would throw a light on the question of intercommunication between higher branches of the central nervous system and the sympathetic division of the nervous system are of great theoretical and practical significance. Charts. Three Soviet references.

Institution Physiological Laboratory, Academy of Sciences USSR, Moscow

Submitted October 13, 1952

STEVANTSEV, B.D., kandidat biologicheskikh nauk

Phenomena of adaptability in organisms. Nauka i zhizn' 22
no.5:41-43 My '55 (MLRA 8:6)

1. Starshiy nauchnyy sotrudnik fiziologicheskoy laboratorii
AN SSSR. (Conditioned response)

STEFANTSOV, B.D., kandidat biologicheskikh nauk.

Sleep therapy for organic diseases of the nervous system.
Priroda 44 no.11:107-110 N '55. (MLRA 9:1)

1.Fiziologicheskaya laboratoriya Akademii nauk SSSR.
(Sleep--Therapeutic use) (Nervous system--Diseases)

STEFANTSOV, B.D.

The role of cerebral cortex in compensatory adaptations following unilateral extirpation of the abdominal sympathetic chain [with summary in English] Fiziolzhur. 43 no.1:26-31 Ja '57. (MLRA 10:2)

1. Fiziologicheskaya laboratoriya AN SSSR, Moskva.

(CEREBRAL CORTEX, physiol.

compensatory adaptation after unilateral extirpation of
abdom. sympath. chain)

(GANGLIA, AUTONOMIC, eff. of excis.

compensatory adaptation of cerebral cortex after
unilateral)

STEFANOV, B.D.

Sequelae of damage of the nucleus of the tenth cranial nerve of the medulla oblongata. *Fiziol. zhur.* 44 no.8:709-713 Ag '58 (MIRA 11:9)

1. Fiziologicheskaya laboratoriya AN SSSR, Moskva.
(NERVES, VAGUS, physiology

eff. of destruction of nucleus in medulla oblongata
(Rus))

DROZDOVA, V.N.; STEFANTSOV, B.D.

Immediate and remote consequences of the destruction of the region
of the dorsal nucleus of the tenth cranial nerve of the medulla
oblongata. Fiziol. zhur. 46 no.11:1409-1413 N '60. (MIRA 13:11)

1. From the Laboratory of Physiology, U.S.S.R. Academy of Sciences,
Moscow.

(VAGUS NERVE) (MEDULLA OBLONGATA)
(RESPIRATION) (CARDIOVASCULAR SYSTEM)

STEFANTSOV, Boris Danilovich; ASRATYAN, E.A., otv.red.; GONCHAROVA, L.S.,
red.izd-va; DOROKHINA, I.N., tekhn. red.

[Influence of the sympathetic nervous system on function in a
damaged central nervous system] Vliyanie simpaticheskoi nervnoi
sistemy na funktsional'noe sostoianie povrezhdennoi tsentral'noi
nervnoi sistemy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 182 p.
(MIRA 14:5)

1. Chlen-korrespondent AN SSSR (for Asratyan)
(NERVOUS SYSTEM, SYMPATHETIC)
(NERVOUS SYSTEM--WOUNDS AND INJURIES)

GONCHAROVA, L.S.; STEFANTSOV, B.D.

Restoration of impaired functions in animals following longitudinal resection of the medulla oblongata on various levels. Fiziol.zhur.
48 no.6:670-676 Je '62. (MIRA 15:8)

1. From the Physiological Laboratory, U.S.S.R. Academy of Sciences,
Moscow.

(MEDULLA OBLONGATA)

2737. Irkhan, A. P., and Stepanuk, E. I. Altitude when in motion and velocity characteristic of freight motor vessels of the "Great Volga" type (in Russian), Recb. Transport no. 3, 15-19, 1955; Ref. Zb. Mekh. 1956, Rev. no. 2861.

Model

Results are described of the systematized model and natural tests of a freight motor vessel of the type "Great Volga" for the determination of its resistance to movement and of the value of its altitude when in motion in shallow water and in a canal. The model tests were made in the small TSNIIIMF reservoir, and the natural tests in different reaches of the Volga and in the "Moscow" canal. The object of the tests was to determine the depth which can be safely navigated and the reserves of water under the bottom during the movement of vessels of this type under full power of the main engines.

On the basis of the analysis of the tests, authors conclude that the determination of the altitude of the vessel in the conditions described above, starting merely from the value of the reduction of the level of the free surface of water at the sides of the moving vessel, as was suggested by the Hydraulics section of the Academy of Sciences, Ukr. SSR in 1952, is not confirmed by the test and distorts the essence of the phenomenon.

FEDORINA, N.P.; STEFANYUK, A.I.

Improve the efficiency in the growing of Nezhin cucumbers. Kons.
i ov. prom. 18 no.8:35-37 Ag '63. (MIRA 16:8)

1. Nezhinskiy konservnyy kombinat.
(Nezhin--Cucumbers)

STYKANYUK, B.M., inzh.

Mathematical description of the performance of an independent
machine in a stope. Trudy VNII Gidravmash no. 3:39-49 '63
(MIRA 18:2)

I. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstrukt-
orskij institut dobychi uglya gidravlicheskim sposobom.

AUTHORS: Morozov, I. S., Stefanyuk, S. L. SOV/78-3-10-23/35

TITLE: On the Kinetics of the Chlorination of Titanium Dioxide and Niobium Pentoxide (O kinetike khlorirovaniya dvuokisi titana i pyatiokisi niobiya)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1958, Vol 3, Nr 10, pp 2366-2374 (USSR)

ABSTRACT: An investigation was carried out of the kinetics of the chlorination of titanium dioxide and niobium pentoxide in a mixture with carbon. In the reaction of gaseous chlorine with these oxides in the presence of solid reducing agents, the influence exerted by the partial pressure of chlorine, flow velocity, temperature of reaction, grain size of the initial materials and the type of the reducing agents were taken into account. A detailed description was given of an apparatus for the investigation of the kinetics of chlorination. The chlorination-reactor of the apparatus consists of quartz and is installed in an electric furnace. The chlorination was carried out at 700°C by means of briquettes containing approximately 21% carbon. The figures 2-4 show the kinetic curves of the chlorination of titanium dioxide at 60, 70 and 80°C. The penetration

Card 1/2

SOV/78-3-10-23/35

On the Kinetics of the Chlorination of Titanium Dioxide and Niobium Pentoxide

of the chlorination into the depth of the briquettes was taken into account. The depth of chlorination means the thickness of the briquette layers that is chlorinated. It follows from the results obtained that all briquettes are chlorinated in the same time to the same depth, no matter how large they are. The depth of chlorination as a function of time was investigated with titanium briquettes. The chlorination of a mixture of titanium dioxide and niobium pentoxide was investigated at 600°C, and the influence of the temperature upon the velocity of chlorination was determined. Furthermore the change of the depth of chlorination in niobium pentoxide briquettes was investigated. The chlorination reaction of titanium dioxide and niobium pentoxide takes place in the presence of carbon at a temperature of above 600°C in the diffusion region. The velocity of chlorination can be increased by accelerating the flow velocity of chlorine. The reaction of chlorination can be accelerated by increasing the surface of the briquettes.

There are 13 figures, 7 tables, and 6 references, 5 of which are Soviet.

Card 2/2

SUBMITTED: May 20, 1958

STEFANOV, S.L.; MUROMTSEV, I.S.

Kinetics of the chlorination of complex pyrochloro concentrates.
Zhur. prikl. khim. 37 no.8:1665-1670 Ag '64.
(MIRA IV:11)

MOROZOV, I.S.; STEFANYUK, S.L.

Kinetics of the chlorination of loparite concentrates. Zhur.
prikl. khim. 37 no.9:1878-1887 S '64.

(MIRA 17:10)

STEFANYUK, S.L.; MOROZOV, I.S.

Kinetics and the mechanism of chlorination of minerals (loparite, pyrochlore, zircon, and euxenite). Zhur. prikl. khim. 38 no.4: 729-735 Ap '65. (MIRA 18:6)

KORSHUNOV, B.G., kand. tekhn. nauk; STEFANYUK, S.L., kand. khim. nauk

Chlorine metallurgy. Priroda 54 no.6:63-66 Je '65.

(MIRA 18:6)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V.
Lomonosova (for Korshunov). 2. Institut obshchey i neorganiches-
skoy khimii im. N.S. Kurnakova AM SSSR, Moskva (for Stefanyuk).

L 10256-63

EWT(d)/FCC(w)/BDS AFFTC IJP(C)

ACCESSION: AP3001089

S/0103/63/024/006/0781/0784

AUTHOR: Stefanyuk, V. L. (Moscow)

52

TITLE: Problem of collective behavior of two automatons [6]

SOURCE: Avtomatika i telemekhanika, v. 24, no. 6, 1963, 781-784

TOPIC TAGS: collective behavior two automatons

ABSTRACT: Behavior is considered mathematically of two automatons with linear tactics in a medium that responds randomly. For each automaton the medium is determined by the behavior of the other automaton; hence, the automaton "pays fine" not only for its incorrect actions but also for the incorrect actions of its colleague. Thus, the automatons are associated only by a mutual system of "fines" or "non-fines". The behavior of the above set of automatons is compared with another set whose actions are independent of the reaction of the medium. The system of automatons whose average value of "fines" is minimum is considered to be optimum. The conditions for an asymptotically optimum system are derived. The author built in 1960 a model of such a system as part of his diploma project in the Moscow State University. Each automaton consisted of a differential counter, based on electron-tube triggers. Orig. art. has: 2 figures and 7 formulas.

Card 1/2

L 5^261-65 EEC-4/EEC(b)-2/EED-2/EEO-2/EWT(d) Pm-4/Pac-4

ACCESSION NR: AP5013338

UR/0109/65/010/005/0852/0858

34

32

B

AUTHOR: Stefanyuk, V. L.

TITLE: Selecting the modulation for transmitting binary signals in the optical range

SOURCE: Radiotekhnika i elektronika, v. 10, no. 5, 1965, 852-858

TOPIC TAGS: modulation, optical signal, optical modulation q

ABSTRACT: According to H. Sherman and B. Reiffen (Proc. IEEE, 1963, v. 51, 10), passive-spacing modulation of light is optimal when background noise is high. Since in some practical cases the noise is low, the present article tries to estimate the error involved in passive-spacing modulation and compare it with the average error inherent to active-spacing modulation. It is

Card 1/2

L 52261-65

ACCESSION NR: AP5013338

2

limited, both methods yield equal errors. However, despite the greater error associated with active-spacing modulation, this type of modulation may be preferred in some practical cases because (a) such a system is immune to some nonadditive noise (fluctuations of transparency of the medium, variation of transmitter-receiver distance, etc.) and (b) the technical realization of the

ASSOCIATION: none

SUBMITTED: 21Mar64

ENCL: 00

SUB CODE: EC

NO REF SOV: 000

OTHER: 002

ATD PRESS: 4010

Card 2/2 PC

EFANYUK, V.L.

Choice of modulation in the transmission of binary signals in the
optical band. Radiotekh. i elektron. 10 no.5:852-858 My '65.
(MIRA 18:5)

L 33359-66 EWT(1) JM
ACC NR: AP6008021

SOURCE CODE: UR/0406/66/002/001/0058/0067

AUTHOR: Stefanyuk, V. L.

ORG: None

TITLE: Signal-to-noise ratio for a channel with additive thermal noise

SOURCE: Problemy peredachi informatsii, v. 2, no. 1, 1966, 58-67

TOPIC TAGS: signal to noise ratio, thermal noise, quantum theory

ABSTRACT: The author proposes a certain formalization of the concept of additive thermal noise, which makes it possible to construct a quantum-mechanical picture of additive interaction of the signal and thermal noise. In the assumption that the transmitter prescribes signals in such a way as to minimize the consumption of energy, connected with the relations of the indeterminate forms, and the signals are differentiated only by the mean values, the author obtains probability distributions in the presence of a signal for various physical quantities. The optimum signal-to-noise ratio is found with the prescribed mean energy of such signals. In this case, the author takes into consideration the irreversible changes induced in the quantum system by the measurement, and indicates the physical measurement which, with the utilization of the "sinusoidal" signals, realizes the optimum signal-to-noise ratio. Orig. art. has: 47 formulas.

SUB CODE: 17,20 / SUBM DATE: 11Mar65 / ORIG REF: 002 / OTH REF: 002

UDC 621.391.13

Card 1/1 BLG

STEFAR, A

TECHNOLOGY

PERIODICAL: REVISTA TRANSPORTURILOR, Vol. 5, no. 11, Nov. 1958

STEFAR, A. From the activities of the Association of Engineers and
Technicians of Rumania and its circle in the General Direction of the
Federation of Civil Aviation and Rumanian Air Transport. p. 525

Monthly List of East European Accessions (EEAI). LC Vol. 8, no. 4
April 1959, Unclass

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653110008-6

STEFAROV, P.

White teal. Vokrug sveta, no.11:50 N '55. (MIRA 9:1)
(Ducks)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653110008-6"

STEFAROV, P.

Mysterious song, IUn.nat. no.3:38-39 Mr :62.
(Hedgehogs)

(MIRA 15:4)

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Applications - Drugs, Vitamins, Antibiotics.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37187
Author : Dubravkova, L., Jezo, I., Stefcovic, P., Voticky, Z.
Inst : -
Title : Synthesis of Some Quaternary Gramine Salts.
Orig Pub : Chem Zvesti, 1957, 11, No 1, 57-59

Abstract : A survey of preparation methods of gramine methiodide (I) is given. Also a new method of preparation of (I) and of gramine methasulphate with good yields of pure compounds is presented.

Card 1/1

40

PROCESSES AND PROPERTIES INDEX

(a)

Synthesis of flavanthrene starting from benzene. V. Kiepelka and R. Stefc. *Collection Czechoslov. Chem. Commun.*, 9, 29-34 (1937).—(2-O₂N-C₆H₄)₂ (2.5 parts) is added to a suspension of Fe filings (1 part), etched with a small amt. of HCl, in aq. MeOH (1:1); at the end of the reduction, the Fe is pptd. hot with Na₂CO₃, and the oil in the filtrate upon cooling gives a solid mass, which, combined with the MeOH ext. of the Fe slimes, represents a 60% yield of (2-H₂N-C₆H₄)₂ (I). Heating 80 g. I and CoH(CO)₄ in 800 cc. PhMe gives 60% of 2,2'-di(halomethylphenyl) (II), m. 209°, the imido linkage of which is readily transformed into amido linkage by cold alk. solns. The condensation of II into flavanthrene (III) by means of AlCl₃ in org. diluents or solvents such as C₆H₆-Cl₂ gives an intermediate product from which III can be obtained only by fusion with AlCl₃. However, the condensation of II into III is readily effected by using a mineral diluent. Thus, a mixt. of II (24 g.), 70 g. anhyd. AlCl₃ and 32 g. NaCl is heated from 160° to 210° for 2 hrs.; to the mixt. an addnl. 16-30 g. of AlCl₃ is added, followed by heating to 230-6° for 8 hrs.; upon cooling, 700 cc. H₂O is added to the mixt., which is acidified with HCl and

boiled for a few min.; after filtering to remove inorg. substances, the filtered product is heated with 5% aq. NaOH, yielding 54% product (a) which is insol. in the alk. soln. and 25% product (b) which is sol. Product (a) consists mainly of III, which is purified by conversion into the Na salt of its dihydro deriv. followed by oxidation according to the following procedure: 13 g. (a) in 50 cc. concd. H₂SO₄ is poured into 300 cc. H₂O, giving a finely divided product which is centrifuged and washed till neutral; the product is then suspended in 500 g. 5% eq. NaOH maintained at 75°; 20 g. of NaBH₄ is added and the mixt. is kept at 75° for 1 hr. with air excluded; after filtering rapidly, 18 g. of NaOH is added to the filtrate, which upon cooling deposits the bronze, lustrous crystals of the Na salt of dihydronflavanthrene hydrate. The latter is suspended in H₂O and oxidized by a stream of air at 70°, yielding 4.3 g. (21% of theory) of III. Product (b), m. 340° from PhNO₂, gives a yellow color in alk. and

see other side-----

ASA-31A METALLURGICAL LITERATURE CLASSIFICATION

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Z	140287				

alk. carbonate solns. and a faint yellow color with blue-violet fluorescence in concd. H₂O₂ is it condenses to + by the action of concd. H₂SO₄ at 250° or AlCl₃ at 210-30°. The following structure is attributed to product (b). Mol.wt. found by titration with Ba(OH)₂, 444.9 calcd., 444.1.

C 4

7

Steels for die-casting and forging dies. Rudolf Steley
Hlavní Listy, Suppl. No. 2, 76-9(1950).--The various requirements to be met by steel used for making dies are discussed and the steels used in various countries for die-casting and forging dies are described. Discussing the qualities of steel for die-casting dies, S. describes the various Czech steels used for the purpose and also the best suitable heat-treatment. The importance of correct heat-treatment is stressed. Information is also given on the types of steel used for forging dies and it is mentioned that during the war the Soviet Union introduced a substitute Cr-Mn-Mo steel replacing 1.5% Ni with 1.5% Mn. The results obtained with this relatively cheap steel were so satisfactory that it is continued to be used and is included in the appropriate post-war Soviet steel specifications. E. Gros

STEPEC, Rudolf

Chemicke slozeni oceli normovanych v CSR a v cizine. (Vyd. 1.) Praha, Prumyslo-
ve vydavatelstvi, 1951. 224 p. (Kniznice kovoprumyslu, sv. 56) (Chemical composi-
tion of steels standardized in Czechoslovakia and abroad. 1st ed. chiefly tables)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956,
Uncl.

R. STEFEC

3

6

Journal of the Iron and Steel Inst.
June 1954
Metallography

Tool Steels and Their Heat-Treatment. R. Stefec (Hutnické Listy, 1952, 8, (9), 461-464). [In Czech]. The isothermal decomposition of austenite, the temperature of the martensitic transformation, deformation on quenching, retained austenite, heat-treatment at sub-zero temperatures, economy in alloying elements, and new types of tool steels are discussed. TTT-diagrams of a number of Poldi steels are given, together with data on the influence of quenching conditions on the amount of retained austenite.—P. F.

PLANT

STEFFEC R.

On the Titaniumabilization of 18/9 Cast Stainless Steel.
A. Perniš and R. Štefčec. (Hunička Lito., 1958, 11, (4),
218-228). [In Croat]. A metallographic study of the inter-
crystalline corrosion resistance of the steels, accompanied
by weld-tests and intercrystalline corrosion tests (utilizing
standard mixtures).

2

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653110008-6

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CIA-RDP86-00513R001653110008-6

of

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653110008-6"

Stefec, R

HUTNICKE LISTY
Nr 1, Vol 13, 1958

J. Vodzadilek - R. Stefec: Effect of Nitriding on the
Internal Damping of Steel
Effect of Nitriding on the Internal Damping of Steel 18

The authors have tried to show the nature of damping in current steels and the way in which it is influenced by external conditions. On some examples they have shown the characteristic phenomena manifest themselves during nitriding, i. e. the creation of internal tension and of structural changes in the damping variations. At the same time the analysis

by the simultaneous increase of the fatigue stress.

68

S/137/62/000/010/003/028
A052/A101

AUTHOR: Stefec, Rudolf

TITLE: Aluminothermic method of producing alloys

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 10, 1962, 29,
abstract 10G206P (Czech pat., no. 100866, September 15, 1961)

TEXT: The proposed aluminothermic method of producing alloys in a vacuum makes it possible to produce high-quality alloys from refractory metals such, for example, as Cr, W, Mo, Nb, Co, Ti, Ni and to reduce, in the alloys, the percentage of fusible metals like Sn, Pb, Sb, Zn, Cd. For this purpose the aluminothermic reaction on a charge, consisting of oxides of respective metals and Al, is carried out in a vacuum of \sim 0.1 mm Hg. The vacuum is maintained until the end of the reaction. Under conditions of a continuous charge supply, the main part of fusible metals can be removed at a vacuum of \sim 1 mm Hg.

A. Khromov

[Abstracter's note: Complete translation]

Card APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653110008-6"

23439

2708, 1454, 3515

Z/034/61/000/005/009/010
E073/E535

18.12.90

AUTHOR: Štefec, R., Doctor Engineer

TITLE: Method of alumino-thermal manufacture of alloys.
Patent application Class 40b, 1, PV 6819-59 dated
November 26, 1959

PERIODICAL: Hutnické listy, 1961, No.5, p.366

TEXT: The method is applicable to the manufacture of alloying elements containing high melting point metals, for instance, Cr, W, Mo, Nb, Co, Ti, Ni, which are accompanied by low melting components in the form of impurities, for instance, Sn, Pb, Sb, Zn, Cd and consist in using the alumino-thermal reaction under conditions of a vacuum of 10^{-1} mm Hg at which the low temperature components evaporate. The specification contains a description of three examples that have been realised.

[Abstractor's Note: This is a complete translation.]

Card 1/1

Z/034/61/000/005/008/010
E073/E535

AUTHOR: Hollmann, J., Engineer and Štefec, R., Doctor Engineer
TITLE: Method of manufacturing alloys, particularly alloy steels.
Patent application Class 18d, 1/30, PV 6653-59 dated November 19, 1959

PERIODICAL: Hutnické listy, 1961, No.5, p.366

TEXT: The liquid ferro-alloy or the liquid metal addition produced by metallothermic methods in the reaction ladle is transferred directly, without preliminary solidification, into an electric or an open hearth furnace or into the tapping ladle. The method saves one manufacturing operation and reduces the burn-off of alloying elements.

[Abstractor's Note: This is a complete translation.]

Card 1/1

~~SITEFETS~~, RUDOL'F, doktor, inzh.

Operation of electric furnaces by the duplex process.
Metallurg 6 no.12:21-22 D '61. (MIRA 14:11)

1. Ob'yedinennyye zavody v. g. Kladno, Chekhoslovatskaya
Sotsialisticheskaya Respublika.
(Electric furnaces)

1.0000000000000000E+000

2.0000000000000000E+000
3.0000000000000000E+000

4.0000000000000000E+000
5.0000000000000000E+000

6.0000000000000000E+000

STEPES, Rudolf M.,inz.

New kind of lime for producing slag in oxygen converter and arc electric arc furnaces. Mit listy 20 no.1 54. 11-161.

Fireproof materials for slide bars of push furnaces. Ibid.,60-61

"DIN handbook." Pt.4. Reviewed by R. Stepec Ml. Ibid.,74-75

L 18150-66 EWT(m)/EWA(d)/EWP(t) JD/NB
ACC NR: AP6010381

SOURCE CODE: CZ/0034/65/000/005/0345/0347

AUTHOR: Stefec, Rudolph Jr. (Engineer)

51

B

ORG: none

TITLE: Contribution to the study of stainless steels by means of potentiodynamic curves

SOURCE: Hutnicka listy, no. 5, 1965, 345-347

TOPIC TAGS: stainless steel, tempering, metal hardening, corrosion resistance, electrode, chromium alloy

ABSTRACT: Potentio-dynamic curves of Cr hardenable stainless steel CSN 17023 were recorded. After hardening the samples were tempered at up to 700°C; tempering at 500°C and slightly above, narrows the passivity region and lowers corrosion resistance. The potentiodynamic curve showed that tempering at 500° produces minimum resistance; tempering at higher temperatures partially restores it. The improvement in corrosion resistance when tempering is done at 600° instead of 500° can be explained (with the help of the potentio-dynamic curves) by the fact that Cr from decomposing carbides enters into solid solutions. Higher corroding temperature increases the critical current density needed for passivation. The characteristic values of potentio-dynamic curves are a function of electrode surface preparation, immersion time of the electrode in the solution, and of the recording technique. Orig. art. has: 6 figures, 1 table. [JPRS]
SUB CODE: 11 13 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 011

Cord 1/1 vmb

Z

L 59608-65 EPF(c)/EWA(d)/EWP(t)/EWP(z)/EWP(b) JD/NB
ACCESSION NR: AP5020424

CZ/0034/64/000/008/0562/0566

AUTHOR: Franz, Ferdinand (Engineer, Doctor, Candidate of sciences); Stefec, Rudolf (Engineer); Prazak, Milan (Engineer, Candidate of sciences)

TITLE: Use of the polarograph for the recording of a potentiodynamic curves

SOURCE: Hutnicke listy, no. 8, 1964, 562-566

TOPIC TAGS: metal corrosion, polarography, potentiometer, nickel, stainless steel, ferritic steel, pearlitic steel, austenitic steel

ABSTRACT: The potentiostat is used to study corrosion of metals, and is rather expensive. Classical potentiostats are simpler and cheaper, and the authors describe their use in the study of metal corrosion. The authors used a polarograph for the corrosion studies, and discuss the necessary modifications of the instrument when used for this purpose; the polarograph thus became a classical potentiostat. Results obtained with instrument in studies on stainless ferritic pearlitic, austenitic steels, and nickel, are described. Orig. art. has: 15 figures, 1 table.

L 59608-65
ACCESSION NR: AP5020424

2

ASSOCIATION: Katedra chemicke technologie kovu VSCHT, Prague (Department of
Chemical Technology of Metals VSCHT); Statni vyzkumny ustav ochrany materialu
G. V. Akimova, Prague (State Research Institut for the Protection of Materials)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, EC

NR REF Sov: 000

OTHER: 017

JPRS

Card 2/2

L 18150-66 EWT(m)/EWA(d)/EWP(t) JD/WB
ACC NR: AP6010381

SOURCE CODE: CZ/0034/65/000/005/0345/0347

AUTHOR: Stefec, Rudolph Jr. (Engineer)

51

ORG: none

B

TITLE: Contribution to the study of stainless steels by means of potentiodynamic curves

SOURCE: Rutnicka listy, no. 5, 1965, 345-347

TOPIC TAGS: stainless steel, tempering, metal hardening, corrosion resistance, electrode, chromium alloy

ABSTRACT: Potentio-dynamic curves of Cr hardenable stainless steel CSN 17023 were recorded. After hardening the samples were tempered at up to 700°C; tempering at 500°C and slightly above, narrows the passivity region and lowers corrosion resistance. The potentiodynamic curve showed that tempering at 500° produces minimum resistance; tempering at higher temperatures partially restores it. The improvement in corrosion resistance when tempering is done at 600° instead of 500° can be explained (with the help of the potentio-dynamic curves) by the fact that Cr from decomposing carbides enters into solid solutions. Higher corroding temperature increases the critical current density needed for passivation. The characteristic values of potentio-dynamic curves are a function of electrode surface preparation, immersion time of the electrode in the solution, and of the recording technique. Orig. art. has: 6 figures, 1 table. (JPRS)
SUB CODE: 11 13 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 011

2

FRANZ, Ferdinand, inz. dr. CSc.; STEFEC, Rudolf ml., inz.; PRAZAK, Milan,
inz. CSc.

Use of polaregraphs in recording potentiodynamic curves. Hut listy
19 no. 8: 562-566 Ag '64.

1. G.V. Akimov State Research Institute of Material Protection,
Prague (for Prazak). 2. Chair of Metal Chemical Technology, Higher
School of Chemical Technology, Prague (for Franz and Stefec).

MISUREC, Jiri; STEFEK, Josef; STUPLOVA, Vera

Electroencephalography in squinting and amblyoptic children. Cesk.
ofth 15 no.4:298-305 Aug 59.

1. PL. Opava, reditel prim. dr. Frantisek Hajek Ocni oddel. OUNZ
Opava, prim. dr Josef Stefek.
(STRABISMUS, physiol.) (AMBYLOPIA, physiol.)
(ELECTROENCEPHALOGRAPHY)

ISERLE, Jan; STEFÉK, Josef

Anophthalmus congenitus. Česk. ofth. 16 no.1:47-54 Ja '60

1. Okni klinika v Brně, přednosta Dr. Sc. prof. MUDr. Jan Vanysek
Okni oddel. OUNZ v Opavě, přednosta prim. MUDr. Josef Stefek.
(EYE abnorm.)

STEFEK, Josef

Short survey of the pathology of eye diseases in the Kankan region
of the Republic of Guinea. Cesk. oftal. 18 no.4:309-316 Jl '62.

1. Ocni oddeleni OUNZ v Opave, prednosta MUDr. J. Stefek.

(OPHTHALMOLOGY)

July 1, 1918, in each of the last six months. p. 32.
U.S. Govt., No. 1, July 1918.

W. Lovell, 22-12-1937, from same local., (cont'd.), L., Vol. 49, p. 30, L., Oct. 1938, Fig. 1.

S/137/62/000/012/045/085
A006/A101

AUTHORS: Löbl, Karel, Zezulová, Marcela, Šustek, Alois, Potůček, Bedřich,
Stefek, Vladislav, Chatrný, Drahomír, Pant, Pavel

TITLE: Austenite stainless (dispersion) hardening steel for castings

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 75,
abstract 12I450P (Czechosl. Patent no. 100589 of August 15,
1961)

TEXT: A steel is proposed which contains in %: C 0.05 - 0.40; Si > 1.5;
Mn 0.5 - 6.0; Cr 14 - 20, N 0.01 - 0.25, Ni 2.5 - 5.5. The corrosion resistance
of the steel increases by the addition of 0.10 - 3.0% Cu. Steel containing
0.10 - 5% Mo has a raised corrosion resistance in H_2SO_4 .

V. Srednegorska

[Abstracter's note: Complete translation]

Card 1/1

GRENAR, Antonin; HERMANSKY, Vojtech; STEFEK, Vojtech

Use of polystyrene replicas for the study of structures and
surface formations by a polarizing microscope for transmitted
light. Silikaty 8 no.3:224-230 '64.

1. Institute of Mineral Raw Materials, Kutna Hora (Grenar).
2. Research Institute of Electrotechnical Ceramics, Pardubice Kralove
(for Hermansky and Stefek).

BASIK, Kazimierz; STEPHI, Jan; ADAM, Włodzimierz; ARASIMOWICZ, Czesław;
KNAPOWSKI, Jan

Effect of scillaren on sodium and potassium transport in the
nephrons of the dog. Acta med. Pol. 5 no.4:439-446 '64

I. IIInd Clinic of Internal Diseases, Medical Academy, Poznań
(Director: prof. dr. J. Roguski) and Department of General
and Experimental Pathology, Medical Academy, Poznan (Director :
prof. dr. A. Horst).

RE

and similar to previous. (Sandi 101)

1973 Conference on Africa, Vol. 3, no. 9, pp. 14-15, 1973, Czechoslovakia

1973. Results of First meeting (NIE) 10, Vol. 7, no. 8, 1968

"The first step in the study of history should be to learn to read."

... 1970, pp. 1-12. (Acta Societatis Botanicae Polonae, Vol. 21, no. 1, p. 1-12, 1970, Warsaw, Poland)

Monthly index of first names, Teresianum (1917) 17, Vol. 1, No. 1, 1918

MOCEK, Jiri; STEFFA, Milos, ml.; DVORAK, Ivo

Pathological and anatomical aspects of the ischemic cardiac
pain in intermediate coronary syndrome. Vnitrní lek. 11
no.12:1152-1157 D ' 65.

1. II. vnitrní klinika lekarske fakulty University J.E.
Purkyne v Brně (prednosta - prof. Dr. Jiri Polcák).

18.1130

89308

Z/034/61/000/004/004/005
E073/E335

AUTHORS: Lobl, K., Zezulová, M., Šustek, A., Potůček, B.,
Engineers, Steffek, V., Chatrný, D. and Pant, P.

TITLE: Austenitic Stainless Hardening Steel for Castings
(Patent Application Class 18d, 2/40 PV 1895-60,
Dated March 21, 1960)

PERIODICAL: Hutnické listy, 1961, No. 4, p. 289

TEXT: The steel contains 0.05 to 0.40% C, max. 1.5% Si,
0.5 to 6.0% Mn, 14 to 20% Cr, 0.01 to 0.25% N and 2.5 to 5.5%
Ni and as a further corrosion-inhibiting element 0.10 to
3.0% Cu and 0.10 to 5.0% Mo. This steel is suitable for
equipment in the chemical and food industries, where nitric
acid, sulphuric acid, hydrochloric acid and organic acids are
present in the processing of fruit and milk.

(Abstractor's note: this is a complete translation.)

Card 1/1

STEFFEL, Miroslav, inz.

New aircraft engines at the 24th Aeronautical Salon. Paris.
Zapravodaj VZLU no. 5:45-50 '61.

1964-1965 prepared by Dr. H. L. Jones Listy 5a no. 5:957-964

Institute of Metals, Panenske Březany.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653110008-6"

STEFFEK, Miloslav

Analysis of high-purity metals.Pt.3. Chem listy 57 no.9:972-977
S '63.

1. Vyzkumný ustav kovů, Panenské Březany.

STEFFEN, Edward

Coronary insufficiency in the form of brachial plexus pain.
Polski tygod. lek. 12 no.2:71-74 7 Jan 57.

1. (Z Oddzialu Wewnętrznego Miejskiego Szpitala w Pruszkowie;
ordynator: dr. med. Edward Steffen i z Oddzialu Neurologicznego
 Państwowego Szpitala dla Nerwowo i Psychicznie Chorych w
Pruszkowie; ordynator: dr. med. Bronisław Stępień). Adres:
Pruszków, Szpital Miejski.

(CORONARY DISEASE, case reports
insuff, in the form of brachial plexus pain (Pol))

MACKIEWICZ, Stefan; STEFFEN, Jan

Frequency of rheumatic diseases in rural areas in Wielkopolska.
Polskie arch. med. wewn. 27 no.3:319-324 1957.

1. Z Obozu Naukowo-Lekarskiego A.M. w Poznaniu i z III Kliniki
Chorob Wewnętrznych A.M. w Poznaniu Konsultant naukowy Obozu i
kierownik III Kliniki Chorob Wewnętrznych A.M. w Poznaniu: prof.
dr. nauk med. F. Labendzinski. Adres autora: Poznań, ul. Szkolna
14, III Klinika Chor. Wewn.

(RHEUMATISM, epidemiology,
in Poland, in rural areas (Pol))

HASIK, Jan; STEFFEN, Jan; ADAM, Włodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ,
Czesław

Localization of tubular transport of L-ascorbic acid in the nephrons
of the dog by stop flow analysis. Acta medica polona 2 no.4:337-344
'61.

1. Department of General and Experimental Pathology, Medical Academy,
Poznan Director: Prof. Dr. Antoni Horst II Department of Internal
Medicine Medical Academy, Poznan Director: Prof. Dr. Jan Roguski.

(KIDNEY FUNCTION TESTS) (VITAMIN C metab)

STEFFEN, Jan; ADAM, Wladzimierz; ARASIMOWICZ, Czeslaw; KNAPOWSKI, Jan

Localization of the transport of mercury in dog nephrons by means of
the "stop flow" method. Poznan. tow. przyjaciol nauk wydz. lek. 21
no.2:17-25 '61.
(MERCURY urine) (KIDNEYS physiol)

STEFFEN, Jan

Functional and oligo-bioptic studies on renal failure caused by
intravenous administrations of uranyl acetate. Poznan. tow.
przyjaciol nauk wydz. lek. 21 no.2:119-138 '61.
(ACUTE RENAL FAILURE exper)

STEFFEN, Jan; CZARNECKI, Ryszard; BACZYK, Kazimierz

Effect of hemodialytic therapy on the concentration of free phenols
in the blood with renal insufficiency. Poznan. tow. przyjaciol nauk
wydz. lek. 21 no.2:1470152 '61.
(KIDNEY ARTIFICIAL) (PHENOLS blood)

STEFFEN, Jan; ADAM, Włodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ, Czeslaw

The localization of tubular transport of lithium ions in the nephrons
of the dog and the effect of intravenous infusion of lithium salts on
tubular transport of potassium and sodium. Acta medica polona 3 no.2:
121-129 '62.

1. Department of General and Experimental Pathology, Medical Academy,
Poznan Director: Professor Dr. A. Horst II Clinic of Internal Diseases,
Medical Academy, Poznan Director: Professor Dr J. Roguski.
(KIDNEY physiol.) (LITHIUM pharmacol.) (POTASSIUM metab.)
(SODIUM metab.)

STEFFEN, Jan; ADAM, Włodzimierz; ARASIMOWICZ, Czeslaw; KNAPOWSKI, Jan;
WEISS, Krystyna; CZARNECKI, Ryszard

Tubular transportation of uric acid in dog nephrons. Acta physiol.
Pol. 13 no.1:1-10 '62.

1. Z Zakladu Patologii Ogolnej i Doswiadczałnej A. M. w Poznaniu
Kierowniki: prof. dr A. Horst Z II Kliniki Chorob Wewnetrznych A.M. w
Poznaniu Kierownik: prof. dr J. Roguski.

(KIDNEYS physiol) (URIC ACID metab)

STEFFEN, Jan

Clinical cytogenetics. Pol. arch. med. wewnet. 33 no.11:1303-
1309 '63.

1. z Zakladu Genetyki Czlowieka przy Katedrze Patologii Ogolnej i Doswiadczonej AM w Poznaniu. Kierownik: prof. dr. med. A. Horst.

*

11. Dr. J. C. S. (J. C. S.) - present: Chairman, Dept. of Pathology, Microbiology and Immunology, Dept. of Medicine, and Director of Laboratories under academic affiliation, Dept. of Medicine, U.S. Medical Center, Beirut, Lebanon.

12. Dr. M. A. H. (M. A. H.) - present: General and Nuclear Medicine, Radiologist, Dept. of Radiology, Department Head, Dr. M. A. H. Hospital and Clinic, Beirut, Lebanon, Lebanon (Director Prof. Dr. M. A. H. Hospital).

STEFFEN, Jan

Progress of cytogenetics. Methods for the study of mitotic chromosomes in man, mechanisms of development of chromosomal abnormalities, types of frequency of atypical karyotypes. Postępy hig. med. dosw. 18 no.2:165-192 Mr-Ap '64.

1. Z Zakładu Genetyki Człowieka przy Katedrze Patologii Ogólnej i Doswiadczałnej Akademii Medycznej w Poznaniu (Kierownik: prof. dr. A. Horst).

SIEFFEN, Jan

Our modified method for the determination of human karyotypes in
the peripheral blood. Pol. tyg. lek. 19 no.17:617-619 20 Ap '64.

I. Z Zakladu Genetyki Czlowieka przy Katedrze Patologii Ogolnej i
Doswiadczałnej Akademii Medycznej w Poznaniu (kierownik: prof. dr.
med. Antoni Horst).

L 13245-66

ACC NR: AP6006045

SOURCE CODE: CZ/0053/65/014/004/0295/0296

AUTHOR: Chrusciel, T. L.; Steffen, J.; Szaflarski, J.ORG: Medical Academy, Katowice22
BTITLE: Effect of various sulfonamides with prolonged effect on experimental subacute toxoplasmosis in mice [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 26 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 295-296

TOPIC TAGS: mouse, drug effect, sulfonamide, sulfa drug, protoroology, animal parasite, antibiotic

ABSTRACT: Effect of sulfapyridine, sulfasomizole, sulfadimethyloxazole, sulfathiazole, and phthalylsulfathiazole, sulfamethizole and other sulfonamides was studied. Best were the pyrimidine derivatives, especially sulfamethylpyrimidine, at 10 mg /Kg., sulfadiazine 100 mg /Kg., and sulfamethoxypyrimidine, 125 mg /Kg. JPRS

SUB CODE: 06 / SUBM DATE: none / OTH REF: 001

Card 1/10

KNAPOWSKI, Jan; STEFFEN, Jan

A method for the examination of kidney tubule transport. Postepy
hig. med. dosw. 19 no.3:431-457 My-Je '65.

1. Z Zakladu Patologii Ogolnej i Doswiadczałnej AM w Poznaniu
(Kierownik: prof. dr. A. Horst).

STEFFE!, Jan; ADAM, Włodzimierz; KNAPOWSKI, Jan; ARASIMOWICZ, Czeslaw;
WARCHOL, Jerzy

Acute mercury intoxication in the dog; a functional and auto-
radiographic study. Acta med. Pol. 6 no.1:15-30 '65

1. Department of General and Experimental Pathology, Medical
Academy, Poznan (Director: prof. dr. A. Horst); IIInd Medical
Department, Medical Academy, Poznan (Director: prof. dr.
J. Roguski) and Department of Histology and Embryology, Medical
Academy, Poznan (Director: prof. dr. Mietkiewski).

KWIATKOWSKI, Jan; STOLPFEN, Jan; ADAM, Włodzimierz; ARASIMOWICZ, Czesław;
ZIELINSKA, Krystyna; STOŁŻMANN, Małgorzata.

The effect of temporary complete occlusion of the renal artery
on tubular transport in the nephrons of dogs. Acta med. Pol.
v. no. 18(3)-40 1965

I. Department of General and Experimental Pathology, Medical
Academy, Poznań (Director prof. dr. Antoni Horst) and IInd
Clinic of Internal Diseases, Medical Academy, Poznań (Direc-
tor prof. dr. Jan Roguski).

STEFFEN, J.; SZAFLARSKI, J.

"Trichomoniasis in Birds." p. 486, (MEDYCyna WETERYNARYJNA, Vol. 8,
No. 11, Nov. 1952, Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC,
Vol. 4, No. 5, May 1955, Uncl.

POLAND/Diseases of Farm Animals. - Diseases Caused by Bacteria
and Fungi.

R-2

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64639

Author : Steffen, Jadwiga

Inst :

Title : A Case of Hemorrhagic Septicemia on a Mink Farm.

Orig Pub : Med. weteryn., 1957, 13, No 6, 334-335.

Abstract : No abstract.

Card 1/1

- 11 -

DZIEKONSKI, J.; KRZYWOSZYSKI, W.; STEFFEN, J.; WIECZOROWSKI, St.

Statistical date on trichomoniasis in bulls in Poland. Wiadomosci parazyt.
Warsz. 4 no.4:319-322 1958.

(TRICHOMONIASIS, epidemiol.
in bulls in Poland (Pol))

STEFFEN, Jadwiga; SZAFIARSKI, Jerzy

Statistical data on the appearance of trichomoniasis in bulls in the Katowice province in 1954-1958. Wiadomosci parazyt., Warsz. 4 no.5-6: 597-598; Engl. transl 598-600 1958.

1. Z Woj. Zakl. Hig. Weteryn w Katowicach.
(CATTLE diseases,
trichomoniasis in bulls (Pol))
(TRICHOMONIASIS, epidemiol.
in bulls (Pol))

STEFFEN, Jadwiga

SURNAME, Given Name

Country: Poland

(2)

Academic Degrees:

Affiliation:

Source: Warsaw, Medycyna Weterynaryna, Vol XVII, No 8, August 1961,
pp 466-467.

Date: "Two Cases of Staphylococcosis in Hares."

Authors:
STEFFEN, Jadwiga, Dr., Wojewodztwo Department of Veterinary Hygiene
(Wojewodzki Zaklad Higieny Weterynaryjnej), Katowice; Director:
Jerzy SZAFLARSKI, Docent dr.
GALUSZKA, Jan, Wojewodztwo Department of Veterinary Hygiene, Katowice

670 981609

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SCHIFFEN, J.

16

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- 27
- Univers., Zooloogia Veterinaria, Vol. 18, No. 4, April 1962.
1. "African Hog Cholera (Montgomery's Disease)," Tedauer, JASCHINSKI; pp 193-197.
 2. "Field Diagnosis of Ser. Scolicida Using the Host," Pratz, DREBORT, St. NADARYK, and A. GRABKE-KERNER, J. VETERINAR. GESELLSCHAFT, Animal Hygiene, Berlin-Mitte, Dr. KERNER, Director, Institute for Veterinary Research (Veterinary) at Bydgoszcz (Director: Prof. Dr. Jerzy NASKOWSKI), of the Zootechnical Institute (Institute Zootechnik) at Krakow, and Dr. Tadeusz (Tadek) Hilary Nekrassoff (Veterinarian) at Warsaw Veterinary Research Institute at Warsaw, Poland, pp 197-201 (Berlin summary).
 3. "Cases of Anthrax" Diagnosed by Peter Rose, White Rose, and Miklosi, Jozsef SZILAGYI and Jerry STALZER, and Miklosi, Jozsef SZILAGYI (Director: Prof. Dr. Jerry SZILAGYI); pp 202-203.
 4. "Interspecies Immunization of Chick Against Newcastle Disease Using the Serum of Poultry Diseases REZELSKA of the Research Office for Poultry Diseases (Zaklad Chorob Zwierza) of the SGGJ (Silesian University of Agricultural Machines), Main School of Rural Economy at Katowice (Institute: Doctor: Mr. Maksimira NASKI) pp 203-207 (Berlin summary).
 5. "Notes on the Endoplasmosis of Brucellosis of Sheep," Lamped UGONSKI of the WZL at Grodzisk (Director: Dr. L. UGONSKI); pp 207-209 (Berlin summary).
 6. "Haemolytic Reaction and Blood Picture in Cattle Infected with Tuberculosis," Antoni DZIADA and Zofia KASZKIEWICZOWA of the Chair of Pathobiology (Pathobiologia) of the Faculty of Veterinary Science (Wydział Weterynarii) of the SGGJ at Katowice (Director: Dr. A. DZIADA) and of Small Animal Disease Research Office (Zaklad Chorob Zwierza) of the Faculty of Veterinary Science of SGH at Warsaw (Director: Dr. A. KAZMIERZAK); pp 210-211.
 7. "Nupture of Spleen in a Bull Suffering from Tuberculosis," Zdzislaw MICHAŁEK and Jan SARAKA of the Chair of Pathobiology (Chair: Dr. MICHAŁEK) of the Faculty of Veterinary Science (Wydział Weterynarii) of the Higher School of Agriculture (WSA, Wyższa Szkoła Rolnicza) at Warsaw (Director: Prof. Dr. Tadeusz SOBACH); pp 210-212.

CHRUSCIEL, T.; SAMOCHWIEC, I.; SZAFIARSKI, Jerzy; STEFFEN Jadwiga

The effect of simultaneous administration of tetracycline,
ascorbic acid, diacycline and sulfamethoxydiazine on the
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1. Wojewódzki Zakład Higieny Weterynaryjnej, Katowice.

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"An Attempt to Identify Strains of *Pasteurella pseudotuberculosis* Isolated from Animals in the Katowice Province"

Lublin, Medycyna Weterynaryjna, Vol 22, No 11, Nov 66; p. 660-663

Abstract [English summary modified]: All 9 strains of *Pasteurella pseudo-tuberculosis* isolated between 1963 and 1965 from monkeys, turkeys and a hare were closely related biochemically, though different mainly in the speed of fermentation of D-mannose and xylose. All strains were relatively acid-resistant and sensitive to chloramphenicol. 4 tables, 1 Czech, 3 Polish including 1 unpublished, and 12 Western references.

1/1

CHRUSCIEL, Tadeusz, doc. dr; SAMOCHOWIEC, Leonidas; STEFFEN, Jadwiga;
SZAFLARSKI, Jerzy, prof. dr

Tentative treatment of experimental toxoplasmosis in mice.
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